

CLAIMS

1. A method of displaying markup language based Web page on a handheld device, wherein the handheld device comprises a browser, a virtual memory functionally connected to a horizontal pixel counter and a horizontal pixel filter and to a vertical pixel counter and a vertical pixel filter, a display memory functionally connected to the horizontal pixel filter and to the vertical pixel filter, and a display functionally connected to the display memory, the method comprising the steps of:

5 loading said Web page into the virtual memory;

10 reading from the virtual memory a bit stream of horizontal pixels and a bit stream of vertical pixels, and feeding the bit streams to the horizontal pixel counter and the vertical pixel counter respectively;

15 counting the horizontal pixels from the horizontal bit stream with the horizontal pixel counter and removing a portion of the horizontal pixels with the horizontal pixel filter;

20 counting the vertical pixels from the vertical bit stream with the vertical pixel counter and removing a portion of the vertical pixels with the vertical pixel filter;

storing the remaining horizontal and vertical pixels in the display memory; and

25 displaying the Web page from the display memory.

2. A method according to claim 1 wherein the Web page is loaded over a wireless radio link.
3. A method according to claim 1 wherein the horizontal pixel counter and horizontal pixel filter flags and removes every fifth pixel from the horizontal bit stream.

4. A method according to claim 1 wherein the vertical pixel counter and vertical pixel filter flags and removes every third pixel from the vertical bit stream.
5. A method according to claim 1 wherein the downloaded Web page is stored in the virtual memory in 800x450 resolution.
- 5 6. A method according to claim 1 wherein compressed Web page is stored in the display memory for display in 640x300 resolution.
7. A handheld device comprising a browser for use in loading a markup language based Web page, a display memory, and a device display for viewing the Web page,

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and the handheld device further comprises:

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9. A handheld device according to claim 7 wherein the virtual memory is configured to store an SVGA Web page.
 10. A handheld device according to claim 7 wherein display memory is adapted to store a resized 640x300 page.
- 5 11. A handheld device according to claim 7 wherein the horizontal and vertical pixel filters are low pass filters.

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